

## ABSTRACT OF THE DISCLOSURE

A multi-pole high speed generator includes a rectifier module assembly that is dimensioned to be mounted within the hub of a high speed generator exciter armature includes a rectifier module assembly includes a substantially flat base  
5 that has a plurality of conductive circuit runs formed on it, and which is dimensioned to be mounted within a hub of the exciter. A first diode circuit, which includes an anode and a cathode, has its anode electrically coupled to a first of the plurality of conductive circuit runs. A second diode circuit, which also  
10 includes an anode and a cathode, has its cathode electrically coupled to a second of the plurality of conductive circuit runs. A conductive element electrically couples together the cathode of the first diode circuit and the anode of the second diode circuit.

Patent Application No. 10/100,000